

Converting Colors

$Yxy(42.6771, 0.2760, 0.2952)$

Have a look what the booklet for
Yxy(42.6771, 0.2760, 0.2952)
contains.

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Color

Yxy(42.6771, 0.2760, 0.2952)

Conversions

Conversions Part 1

Format	Color
Hex	9BB1CA
RGB	155, 177, 202
RGB Percent	61%, 69%, 79%
CMY	0.3920, 0.3059, 0.2080
CMYK	0.23, 0.12, 0.00, 0.21
HSL	212°, 31%, 70%
HSV	212°, 23%, 79%
XYZ	39.9014, 42.6771, 61.9917
YIQ	173.2720, -21.1370, 3.1110

Conversions

Conversions Part 2

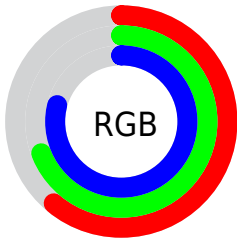
Format	Color
R _Y B	155, 170, 202
Decimal	10203594
CIE Lab	71.34, -2.06, -15.19
CIE LCh	71, 15.324, 262.278
Yxy	42.6771, 0.2760, 0.2952
Android (android.graphics.Color)	4288393674 (0xFF9BB1CA)
YUV	173.2720, 14.1629, -16.0245
Hunter-Lab	65.3277, -5.2979, -10.5329

Details

The Yxy color $42.6771, 0.2760, 0.2952$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.5620, 0.3532, 0.3606$, and the grayscale version is $41.8722, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.1995, 0.2848, 0.3058$, and $19.6889, 0.2655, 0.2861$ is the 20% darker color. If you saturate the color by 10%, you get $36.7658, 0.2595, 0.2781$, and if you desaturate by 10%, it is $49.2603, 0.2922, 0.3108$.

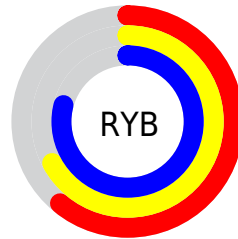
Distribution



Red (61%)

Green (69%)

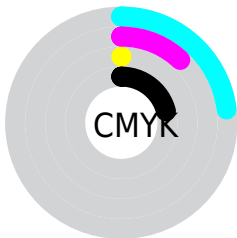
Blue (79%)



Red (61%)

Yellow (67%)

Blue (79%)

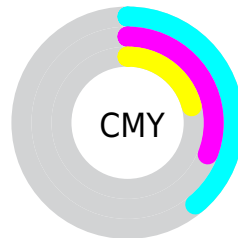


Cyan (23%)

Magenta (12%)

Yellow (0%)

Black (21%)



Cyan (39%)

Magenta (31%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.6771, 0.2760, 0.2952 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 42.6771, 0.2760, 0.2952 by changing the saturation by 10% instead.

■ 42.6771, 0.2760,
0.2952

■ 42.6771, 0.2760,
0.2952

357.2822, 0.2944,
0.3123

■ 29.6318, 0.2714,
0.2909

■ 79.2234, 0.2827,
0.3015

■ 19.5593, 0.2655,
0.2853

■ 103.4932, 0.2852,
0.3038

■ 12.0751, 0.2576,
0.2779

132.2733, 0.2874,
0.3058

■ 6.7949, 0.2466,
0.2675

165.9481, 0.2892,
0.3074

■ 3.3341, 0.2303,
0.2519

204.9020, 0.2908,
0.3089

■ 1.3086, 0.2040,
0.2263

249.5193, 0.2921,

■ 0.1478, 0.0608,

0.3102

0.0996

300.1846, 0.2934,
0.3113

0.0000, 0.0000,
0.0000

42.6771, 0.2760,
0.2952

42.6771, 0.2760,
0.2952

36.7658, 0.2595,
0.2781

49.2603, 0.2922,
0.3108

31.4969, 0.2430,
0.2595

56.5330, 0.3078,
0.3248

26.8462, 0.2270,
0.2398

64.5186, 0.3226,
0.3373

22.7857, 0.2120,
0.2193

73.2378, 0.3366,
0.3483

19.2844, 0.1987,
0.1985

82.5172, 0.3488,
0.3581

■ 16.3079, 0.1874,
0.1781

■ 88.7074, 0.3468,
0.3684

■ 13.8159, 0.1787,
0.1586

■ 95.2729, 0.3447,
0.3785

■ 12.3633, 0.1740,
0.1462

■ 97.0428, 0.3442,
0.3811

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.6771, 0.2707, 0.3072



42.6771, 0.2760, 0.2952



42.6771, 0.2909, 0.2923

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



42.6771, 0.2760, 0.2952



42.6771, 0.3505, 0.3301



42.6771, 0.3122, 0.3624

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



42.6771, 0.2760, 0.2952



47.5620, 0.3532, 0.3606

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



42.6771, 0.3339, 0.3681



42.6771, 0.2760, 0.2952



42.6771, 0.3566, 0.3485

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



42.6771, 0.2760, 0.2952



42.6771, 0.3340, 0.3121



42.6771, 0.3503, 0.3626



42.6771, 0.2912, 0.3466

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



42.6771, 0.2760, 0.2952



42.6771, 0.3045, 0.2955



42.6771, 0.3503, 0.3626



42.6771, 0.3197, 0.3656

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



42.6788, 0.2760, 0.2952



90.8610, 0.3019, 0.3196



52.4642, 0.2933, 0.3595



19.2854, 0.3009, 0.3187



0.0000, 0.0000, 0.0000



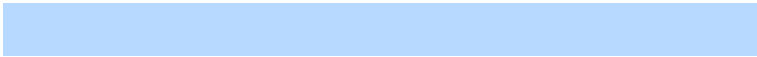
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.6788, 0.2760, 0.2952



66.9966, 0.2675, 0.2866



34.7649, 0.2742, 0.2644



11.6952, 0.2983, 0.3164



8.1333, 0.1746, 0.1487



0.5710, 0.1849, 0.1857

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



39.1794, 0.3385, 0.3013



60.3858, 0.3458, 0.2949



57.0375, 0.3468, 0.3866



11.2996, 0.3218, 0.3182



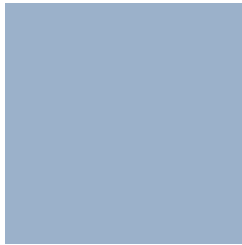
8.6241, 0.5077, 0.2570



0.4602, 0.4618, 0.2317

Previews

White Background



This preview shows how the Yxy color 42.6771, 0.2760, 0.2952 looks on a white background.

Color Contrast Check

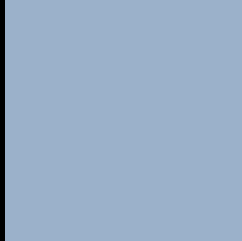
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 42.6771, 0.2760, 0.2952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

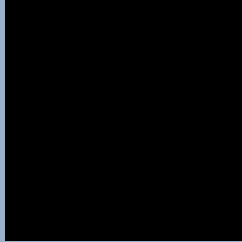
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

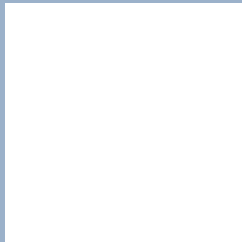
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.6771, 0.2760, 0.2952

Background



This preview shows how black text looks on a background with the Yxy color 42.6771, 0.2760, 0.2952.



This preview shows how white text looks on a background with the Yxy color 42.6771, 0.2760, 0.2952.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

42.6771, 0.2760, 0.2952

Protanopia

42.5567, 0.2896, 0.2947

Deuteranopia

42.4084, 0.2923, 0.2864



Tritanopia

42.8628, 0.2809, 0.3097

Trichromacy



Original Color

42.6771, 0.2760, 0.2952

Protanomaly

42.4416, 0.2849, 0.2943

Deuteranomaly

42.6340, 0.2858, 0.2896

Tritanomaly

42.6963, 0.2795, 0.3043

Monochromacy



Original Color

42.6771, 0.2760, 0.2952

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.8398, 0.2978, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6771, 0.2760, 0.2952 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(155, 177, 202)` looks like.

```
.text, #text, p{  
    color:rgb(155, 177, 202)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(155, 177, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 177, 202) }
```

Border

The CSS property to change the border of an element to Yxy 42.6771, 0.2760, 0.2952 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 177, 202) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(155, 177, 202) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(155, 177, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 177, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 177, 202);  
box-shadow:4px 4px 4px 4px rgb(155, 177,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6771, 0.2760, 0.2952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 177, 202) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(155,  
177, 202) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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